

# TECHNICAL DATA SHEET

## ECOSIL



### Silicone Sealant

Strong adhering, single component silicone for tile and glass-like nonporous surfaces.

### TECHNICAL DATA

■ Basis	Acetoxy
■ Consistency	Thixotropic
■ Curing system	Moisture curing
■ Tack-free time	Ca. 25 mins
■ Skin formation (20°C/65% R.H.)	2-3 mm / 24h
■ Density	0,96 gr/lit
■ Temperature resistance (Cured)	-40°C +250°C
■ Elastic recovery (ISO 7389)	> 95%
■ Motility	15%
■ Elongation at break (DIN 53504)	> 550%
■ Application temperature	5°C - 40°C

### APPLICATIONS AREAS

- For general interior and exterior leak-proofing applications.
- For wet surfaces such as kitchens, bathrooms and others.

### SPECIFICATIONS

- Creates a waterproof barrier when it dries.
- It has acetoxy curing system.
- Does not runoff of vertical surfaces.
- Adheres to common building materials.
- Not effected from UV rays.
- Withstands temperature changes.

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### REMARKS

- Not over-paintable.
- Not suitable for PP, PP, PTFE, neoprene, and bituminous surfaces.
- Must not be used on substrates which may bleed oil, plasticizers, and solvents.
- May cause bleeding on natural stone substrates.

### SAFETY INFORMATION

It contains trace amounts of volatile chemicals. During curing, it emits an irritating odor and acetic acid. It should not be breathed for long periods and if used indoors, the place should be well-ventilated. Since it may irritate the skin, contact for long periods should be avoided. Hardened silicone does not carry any health risks.

### SURFACE PREPERATION

- Surfaces which contact with sealant must be clean and dry and not contain any oil, dust or rust.
- Non-porous surfaces must be cleaned in advance with a suitable solvent. Applied solvent must be wept well from the surface without allowing it to evaporate.
- Applying masking tape around the application joints prevents smudging and provides a more aligned application.
- Masking tape must be removed promptly after application.
- Primer is not needed before the application on non-porous surfaces like faience, ceramics and glass.
- Primer use may be required for some metal and plastic types.

### JOINT PREPERATION

- Joint width must be between 6-20 mm.
- Depth of the applied silicone depends on the size of width. Apply 6 mm silicone in the widths with depths up to 12 mm.
- Depth of silicone must be roughly half of its width wider joints.

### APPLICATION METHOD

- Cut the tip of the cartridge and screw the application nozzle to the cartridge.
- Cut the nozzle at a suitable points depending on the thickness of the application joint.
- Place the cartridge to the silicone gun and apply on the desired area.
- Before silicone forms a crust, smoothen the silicone with a thin plastic of wood spatula.
- Clean the smudged silicone with a solvent based cleaner without allowing it to dry. Dried silicone can be cleaned with mechanical methods.

### PACKAGING (Volume)

280 ml cartridge (box of 25 pieces)

### SHELF LIFE

15 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

### COLORS



Transparent

White

Black

Grey



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